

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Sigeo HOMMA, Haruaki WATANABE, Yoichi MIZUNO and Atsushi TANAKA all of
Tokyo, Japan.

Serial No: Not assigned

Filed: July 25, 2003

For: STORAGE APPARATUS AND ITS MANAGEMENT METHOD

19704 U.S. PTO
10/627575
07/25/03

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

- ☒ 15 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 51 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to HITACHI, LTD. ☐ is enclosed ☒ will follow.
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.
- ☒ A certified copy of Japanese Patent Application No. 2003-048483 filed February 26, 2003 from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☒ IDS enclosed (☒ with 3 reference(s)).
- ☐ Preliminary Amendment is enclosed.
- ☐ Application data sheet is enclosed. See 37 CFR 1.76.
- ☒ Return postcard is enclosed.

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	52	-20	32	LG=\$18 SM=\$9	\$18	576	
B	INDEPENDENT CLAIMS FEE*	10	-3	7	LG=\$84 SM=\$42	\$84	588	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							1164
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 0
E	BASIC FEE					LARGE ENTITY FEE = \$750 SMALL ENTITY FEE = \$375		\$ 750
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 1914
G	ASSIGNMENT RECORDING FEE							\$ 40
	*LIST INDEPENDENT CLAIMS 1, 12, 19, 25, 36, 43, 49, 50, 51, and 52.							

- ☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
- ☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- ☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 C.F.R. 1.16
- ☐ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON LLP.

By:

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Date: July 25, 2003

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Sigeo HOMMA et al.

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Art Unit: Not assigned

Examiner: Not assigned

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Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ patent application (51 page(s) of specification; 52 claim(s); 1 page(s) of abstract
- ☒ 15 sheet(s) of formal drawings
- ☒ certified copy of Japanese patent application No. 2003-048483 which was filed February 26, 2003 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- ☒ Information Disclosure Statement with 3 references
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: July 25, 2003

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Name of person mailing papers

R.M. Carbonilla

Signature